SIEMENS

MAMMOMAT 300/1000/3000/3000 Nova

SP

Installation Instructions

Bus Installation

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General

The MAMMOMAT has to be modified to transport conditions by:

- fasten a *spacer strip* at the tube head, under the top cover, to prevent deformation during transport and
- adjust the switch S883 position, in stand, to prevent unintentional locking, when rotating the swivel arm for transport safety.
- *warning labels* have to be applied - one to the control panel and one additionally visible to the bus driver.

Document required

Installation and Start-up Instructions for the MAMMOMAT 300, 1000, 3000 and 3000 Nova respectively.

Tools required

Standard installation tools.

Components required

Bus Installation kit 64 21 148 comprising:

Amount	Part No.	Name
1	64 21 213 X041E	Saddle support
1	64 21 130 X041E	Protecting plate
6	60 24 616 W6001	Screw MC6S 12×50
6	64 21 254 X041E	Washer
2	64 21 163 X041E	Warning label
6	60 24 442 W6001	Screw MC6S 10×45
6	64 21 262 X041E	Washer
2	60 80 480 W6282	Tightening belt
1	64 21 155 X041E	Spacer strip
4	67 70 424 W6281	Eyebolt
1	65 69 425	Installation Instructions (this instruction)
1	65 69 485	Supplement to Instruction for use
1	65 69 433	Planning Guide

Time required

1 hour for modifications plus normal MAMMOMAT installation time.

Installation

NOTICE

The MAMMOMAT stand and generator must be installed in a vehicle equipped and prepared as described in the *Planning Guide*.

Install the MAMMOMAT according to Installation and Set-Up Instructions for MAMMOMAT 300, 1000, 3000 and 3000 Nova respectively.

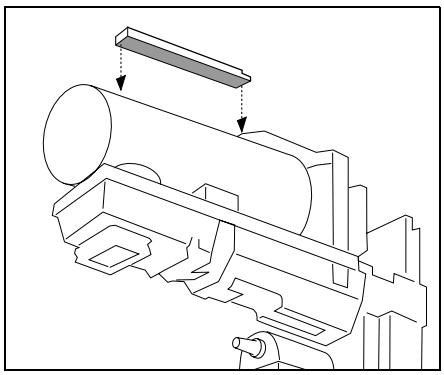
Use the supplied kit bolts and washers to bolt the stand and generator to the reinforced areas.

***In addition* to the common Installation documents, following modification steps must be performed before the covers are attached.**

Modifications of the MAMMOMAT

Mount the spacer strip *(from installation kit)*

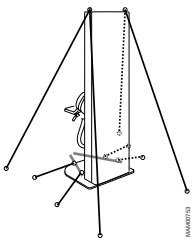
- Clean the top surface of the X-ray tube with solvent or ethanol.
- Remove the protective tape of the spacer strip.
- Locate the strip on the top surface of the X-ray tube with the 2 mm recess facing upwards as shown in figure.
- Push it against the fan bracket and fix it with the double-sided tape.

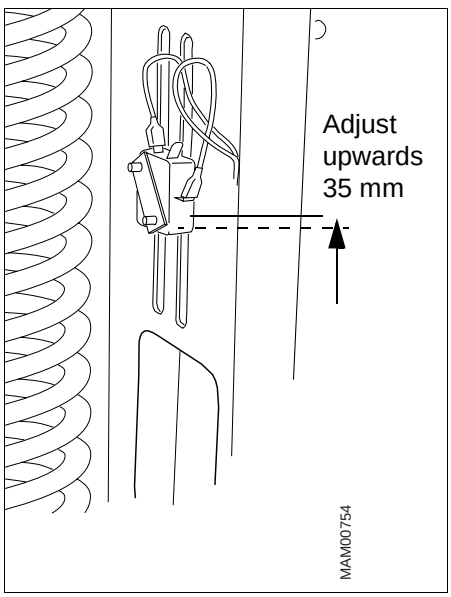


Readjust the switch S883 (in the stand)

- Readjust the switch S883 upwards 35 mm. See figure.

  Make sure the switch is so aligned that it engages properly with the actuation bar.





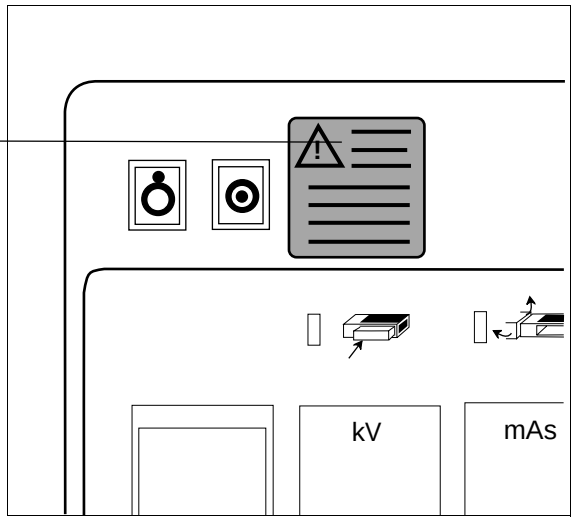
Check the switch function

- Power the MAMMOMAT.
- Rotate the swivel arm -180° and move it downwards to the end point.
- Check that the downward travel is stopped by switch S883.

Mount the covers

Apply the Warning labels

- Apply *one Warning label* at generator control panel or at the separate control console near the OFF button, as shown in figure.
- It is advisable to apply the *other Warning label* visible to the driver of the bus.



Saddle support adjustments

- Switch ON the MAMMOMAT.
- Rotate the swivel arm to indicated -180°.
- Place the saddle support underneath the swivel arm with the wide base pushed against the base plate of the stand.
- Operate the swivel arm downwards carefully until the cover barely touches the saddle support. *Be aware of the squeeze hazard* - see, Supplement to Instructions for use.
- Align the saddle support sideways in line with the swivel arm.
- Adjust the height of the front end of the saddle support so that it is exactly parallel with the horizontal edge of the cover.
- Secure the adjustable floor bolt with the nut.
- Make marks on the floor where the saddle support is placed to ease future stowage; on each side of the wide base and at the front a circle.

Final procedures

- Hand over the - *Supplement to Instructions for use* - to the customer
- Fill in the LINA-card as follows;

  Instead of writing the customer No. write; ∗ ∗ part No./ serial No. of the MAMMOMAT.

  e.g; ∗ ∗ 61 34 709 / 02468

- Return the LINA-card to the address stated in the card.

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